

FIG. 1

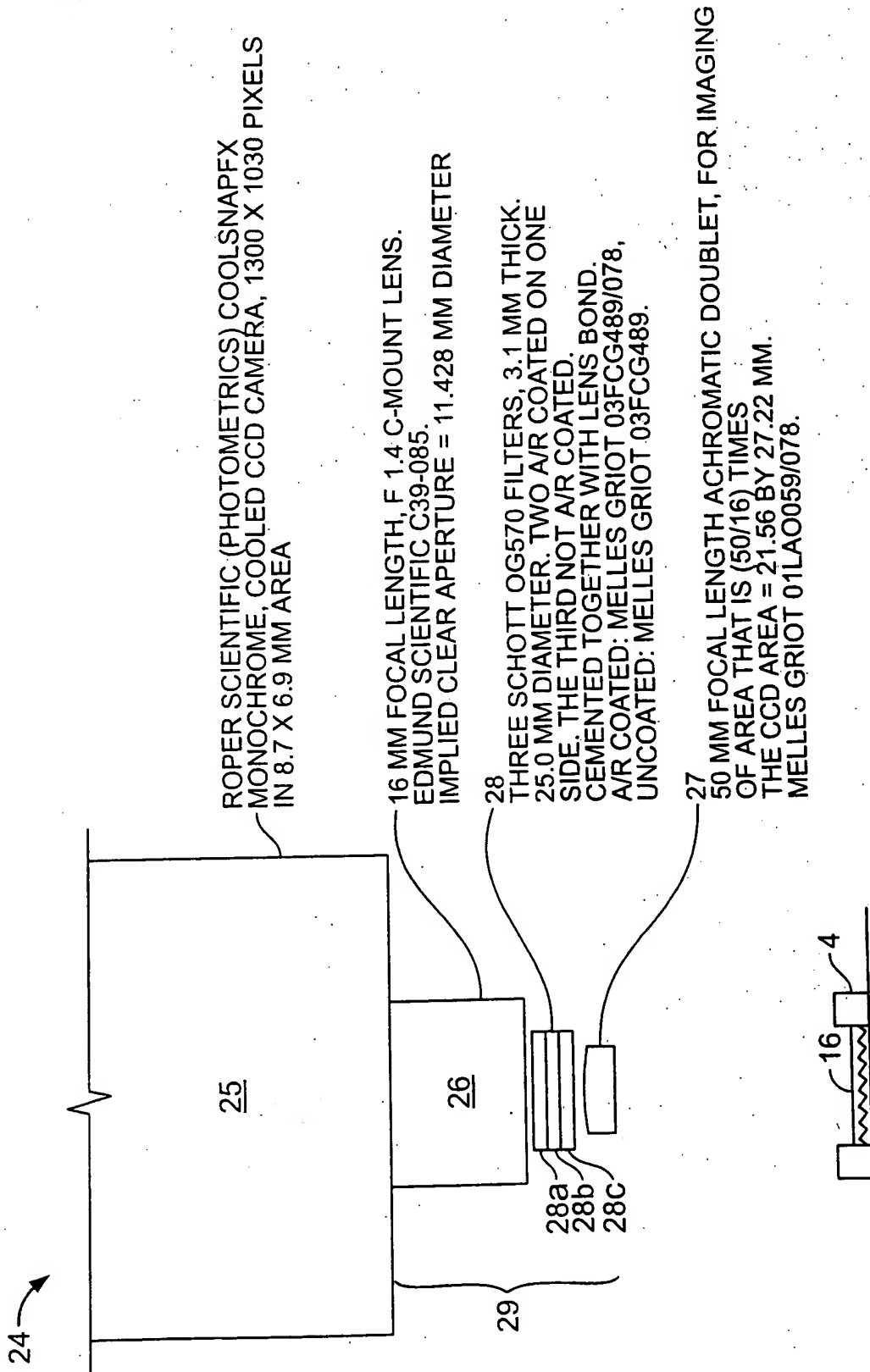


FIG. 1A

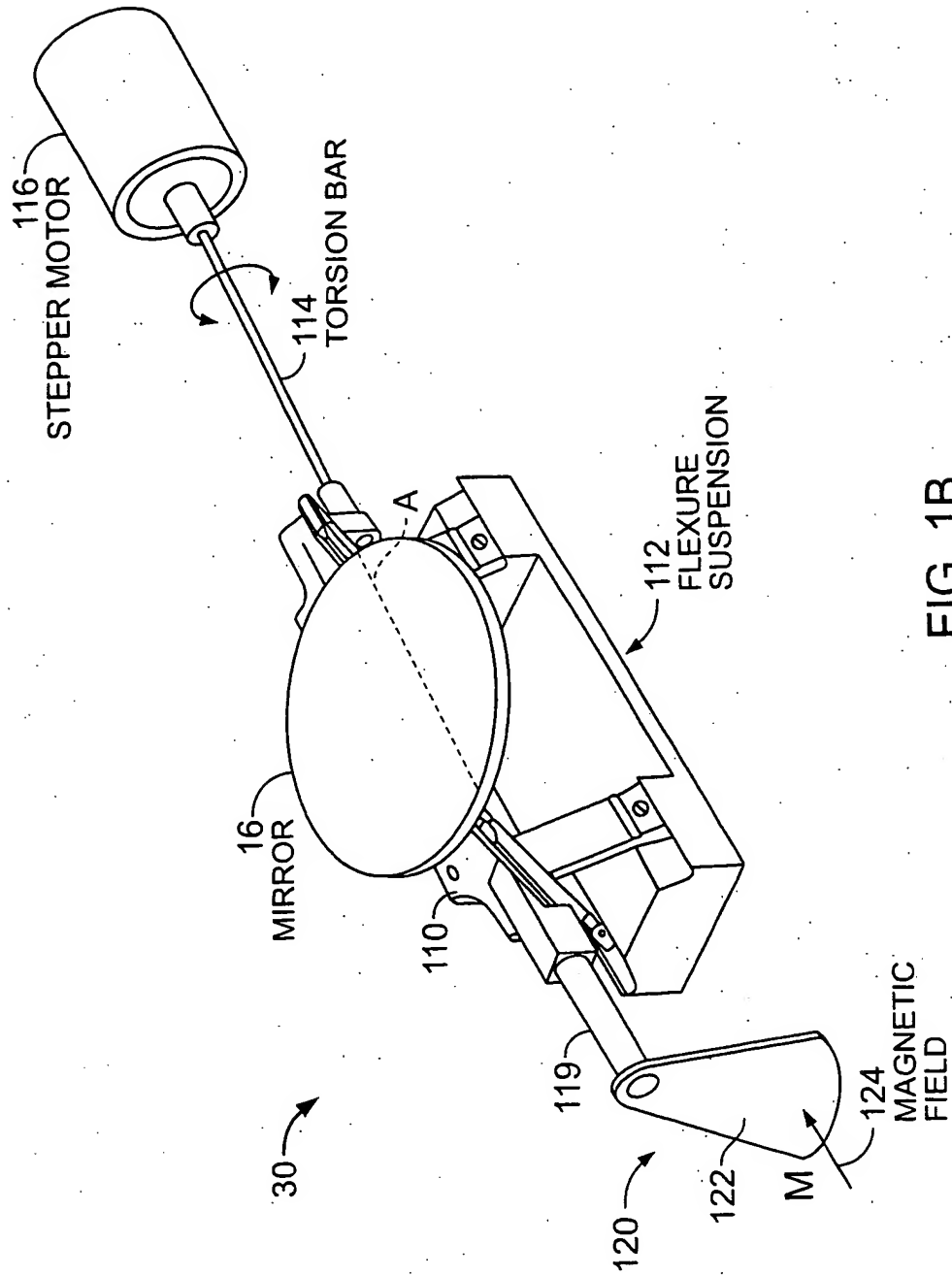


FIG. 1B

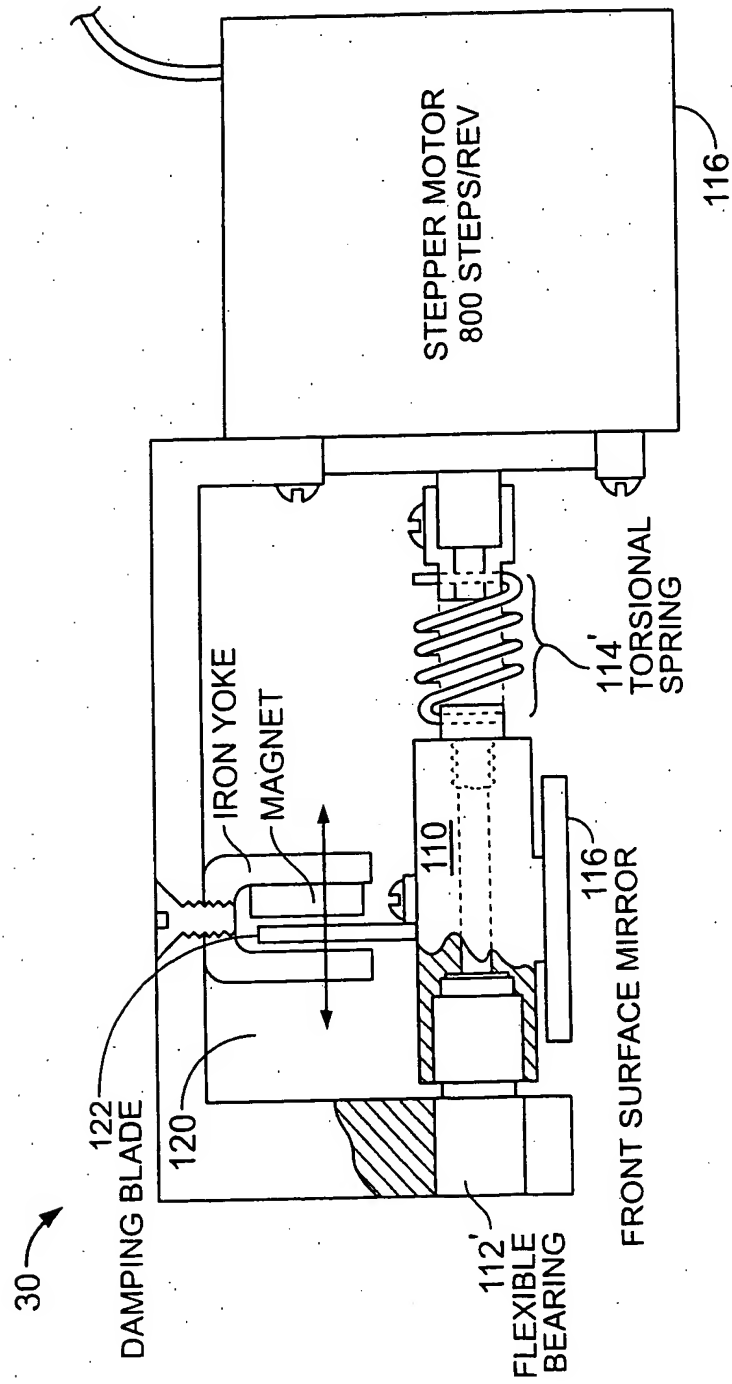


FIG. 1C

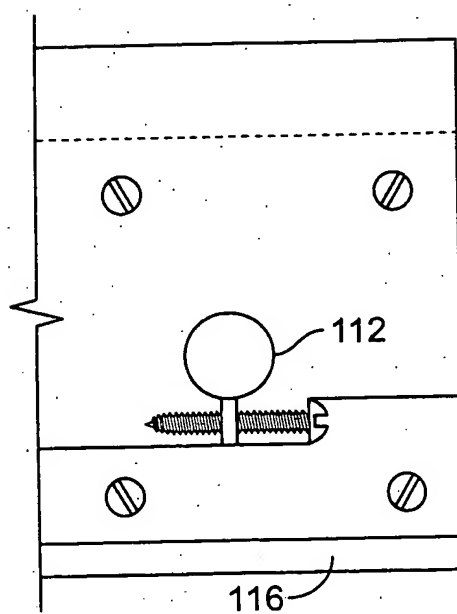


FIG. 1D

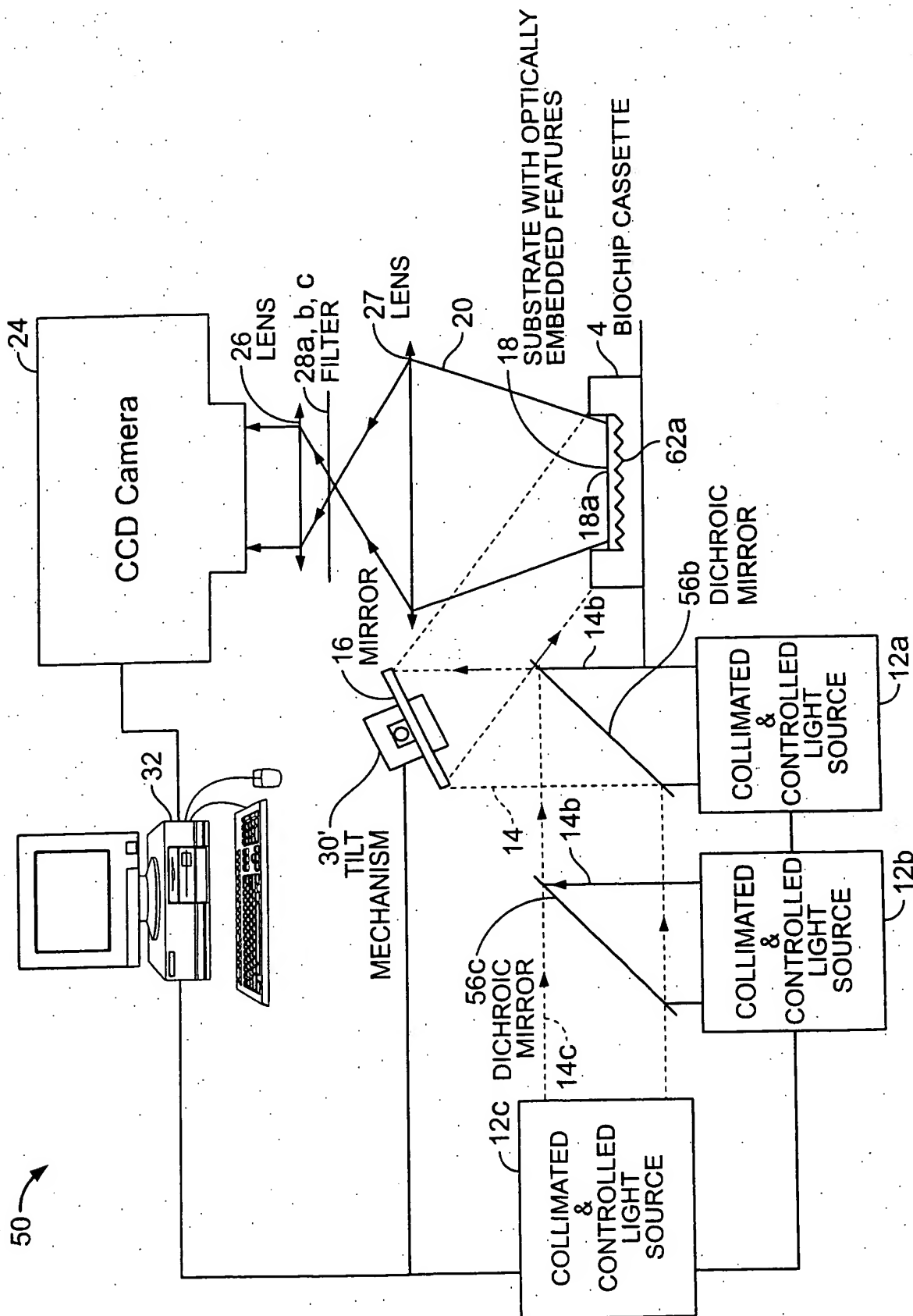


FIG. 2

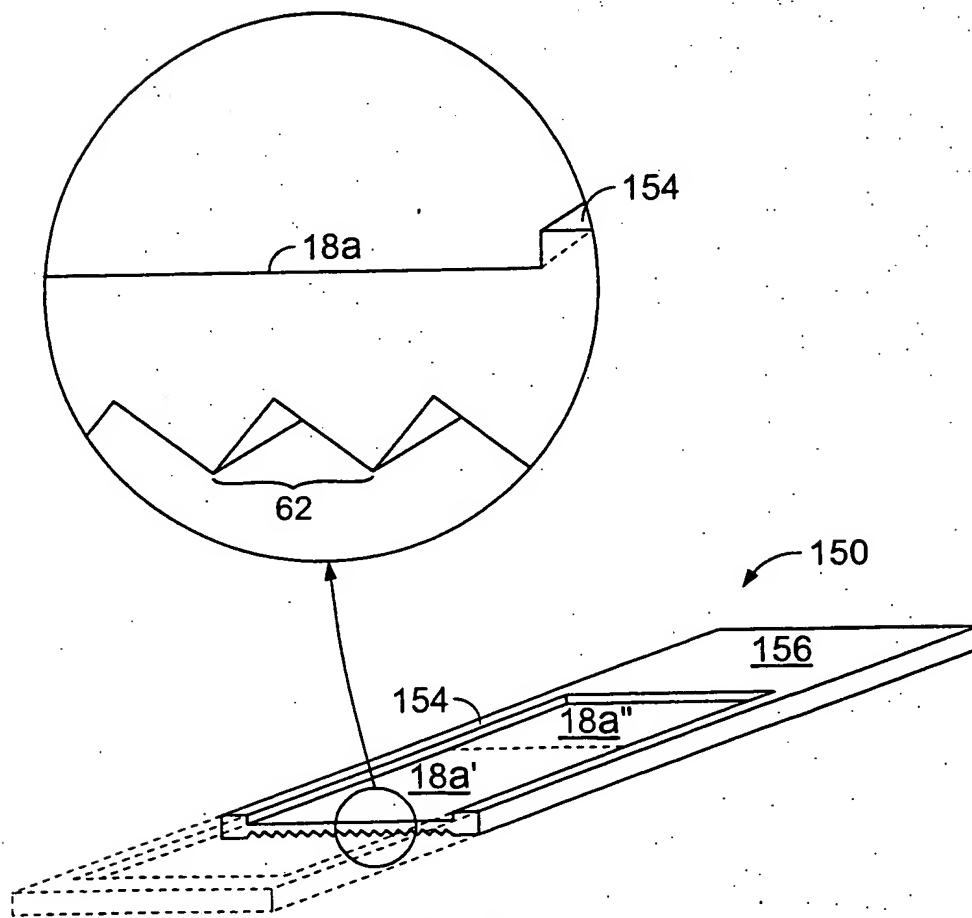


FIG. 3

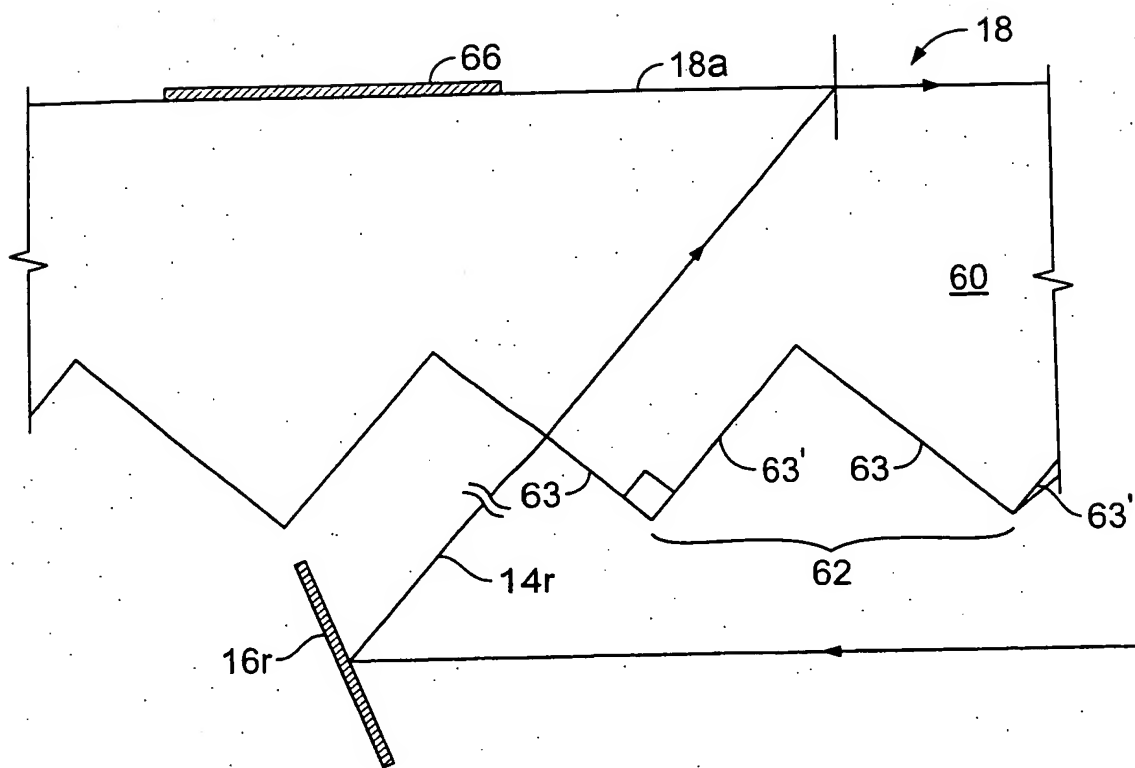


FIG. 3A



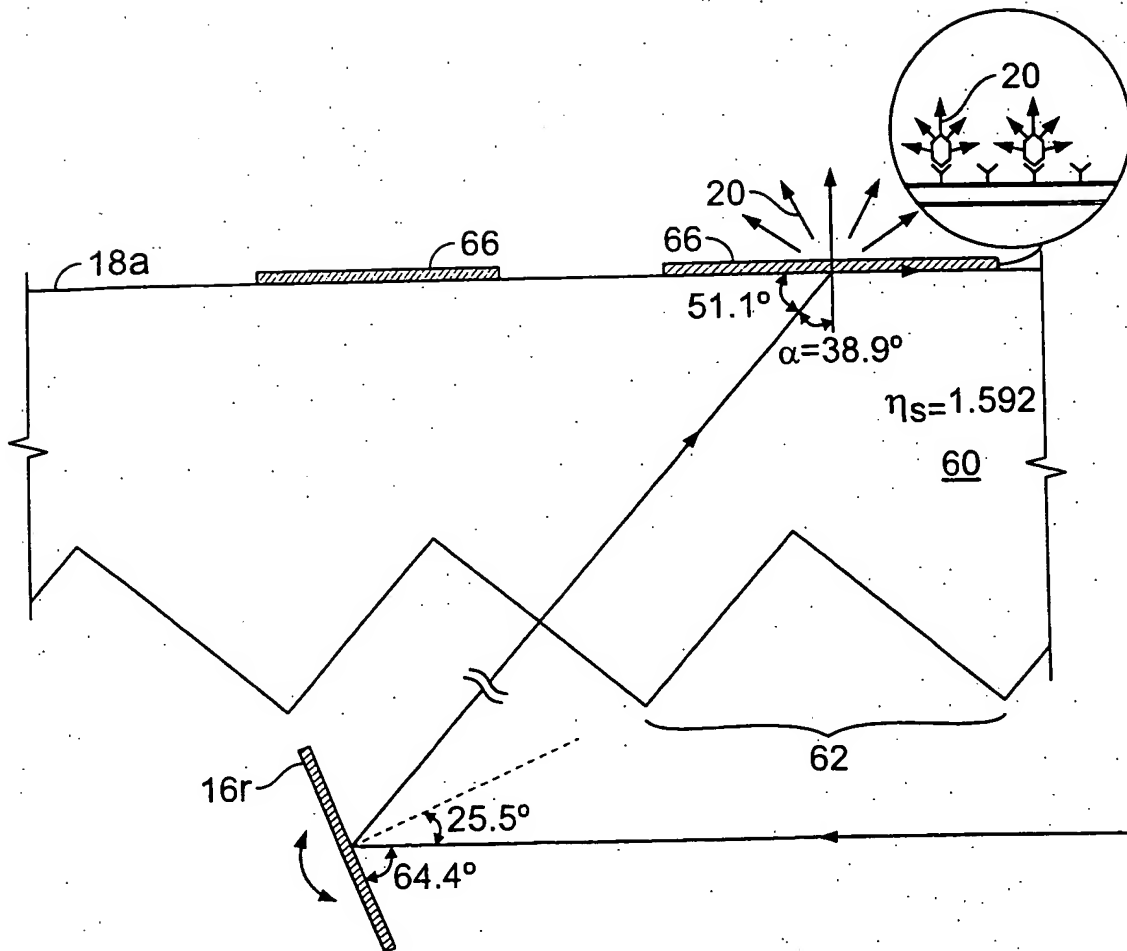


FIG. 3B

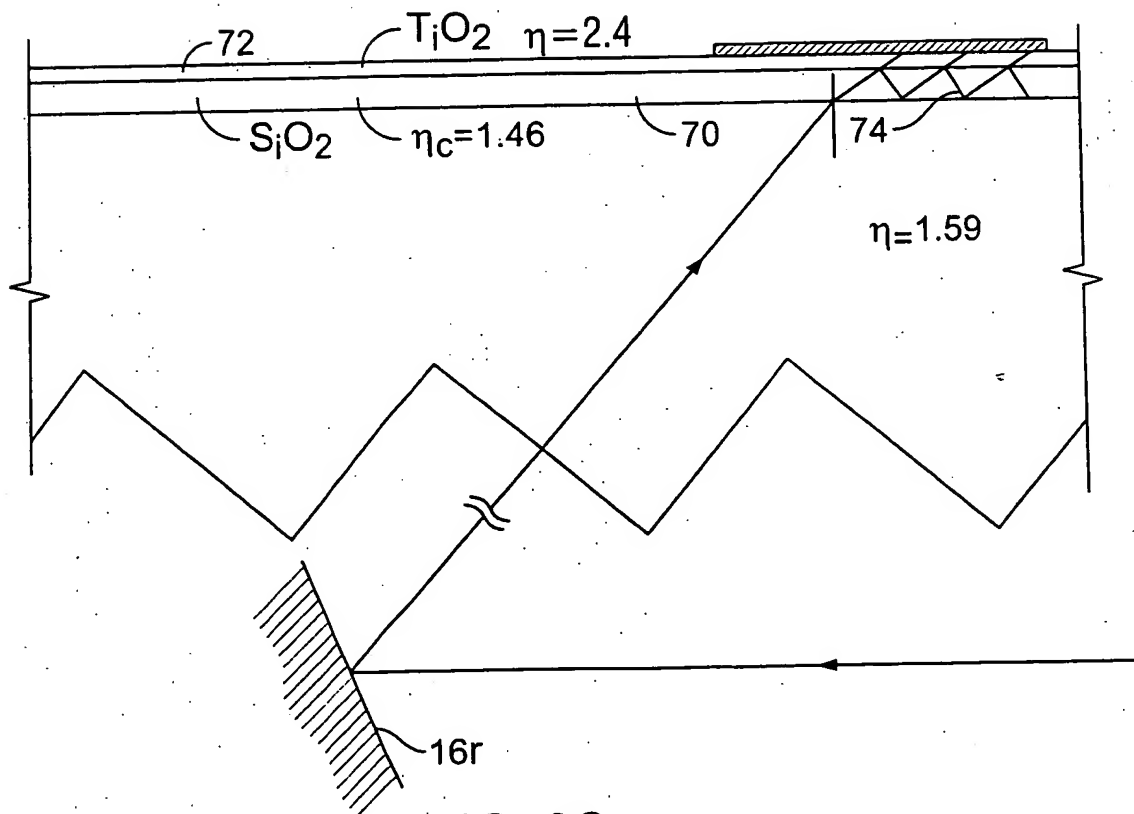


FIG. 3C

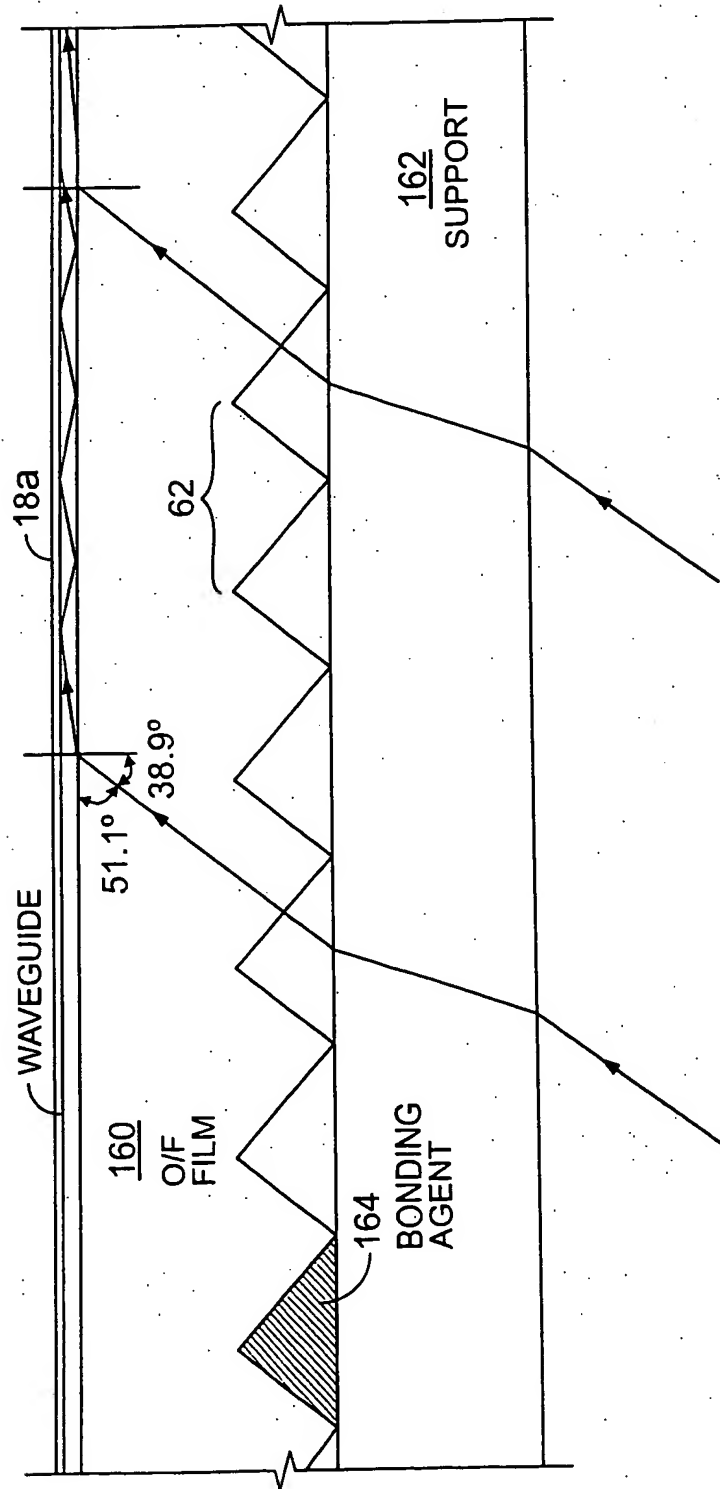


FIG. 3D

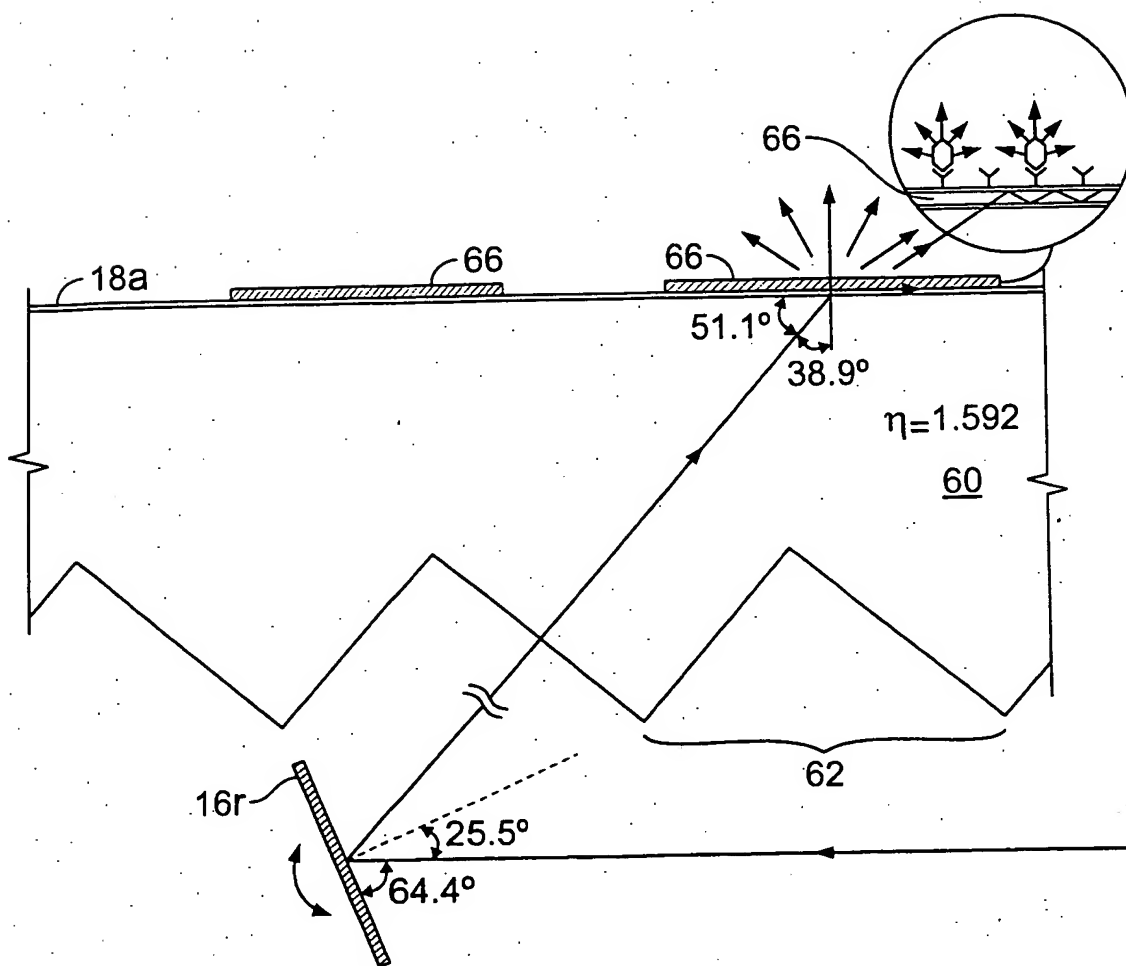


FIG. 3E

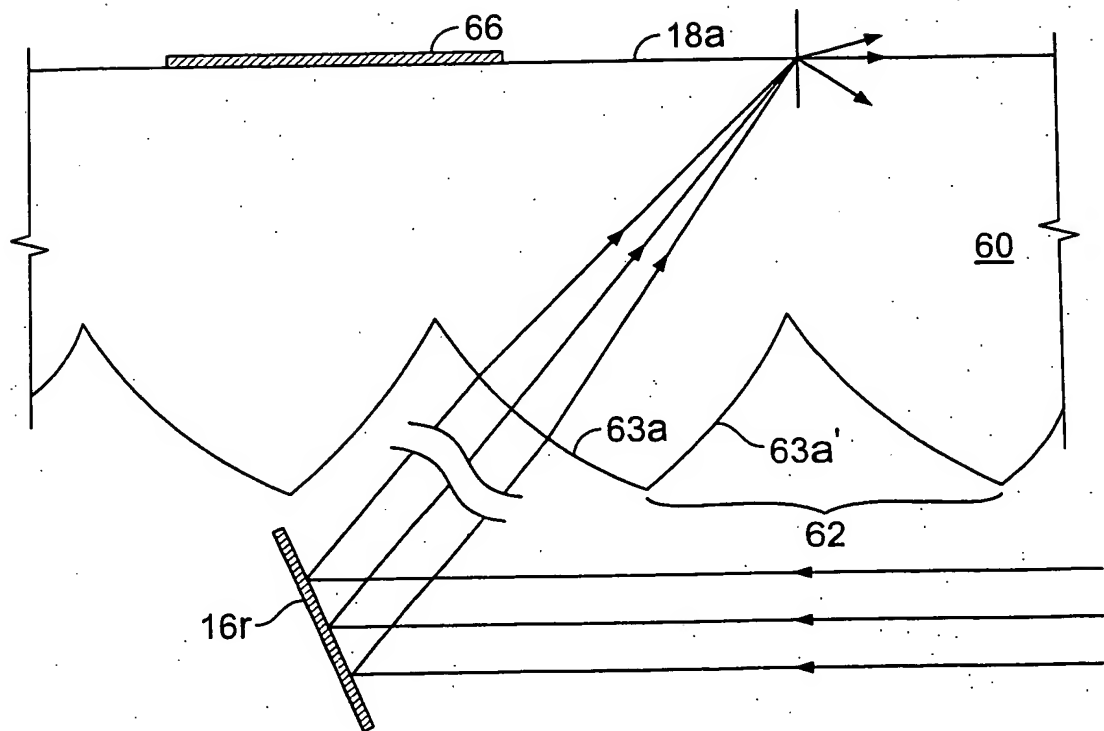


FIG. 3F

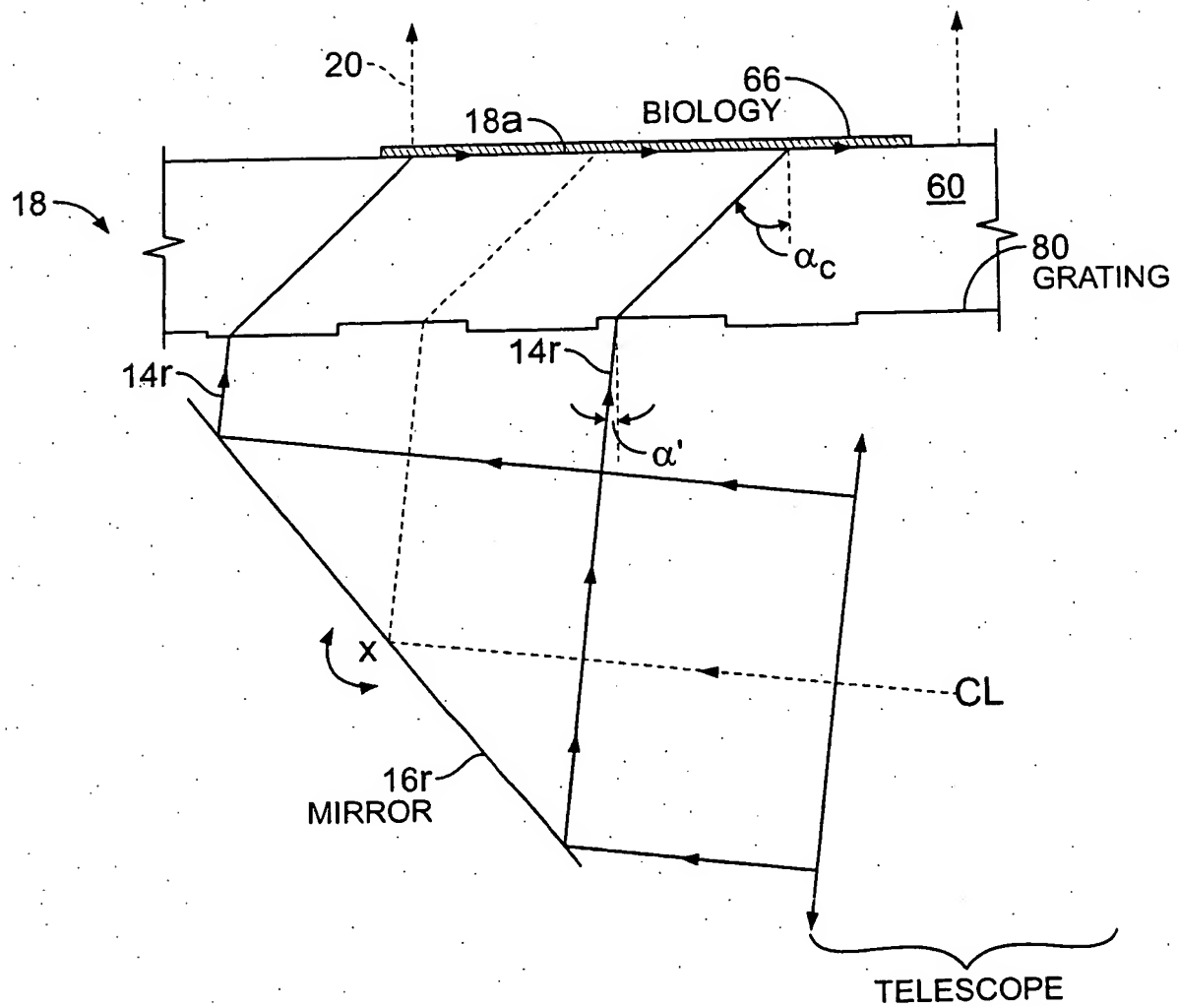


FIG. 3G

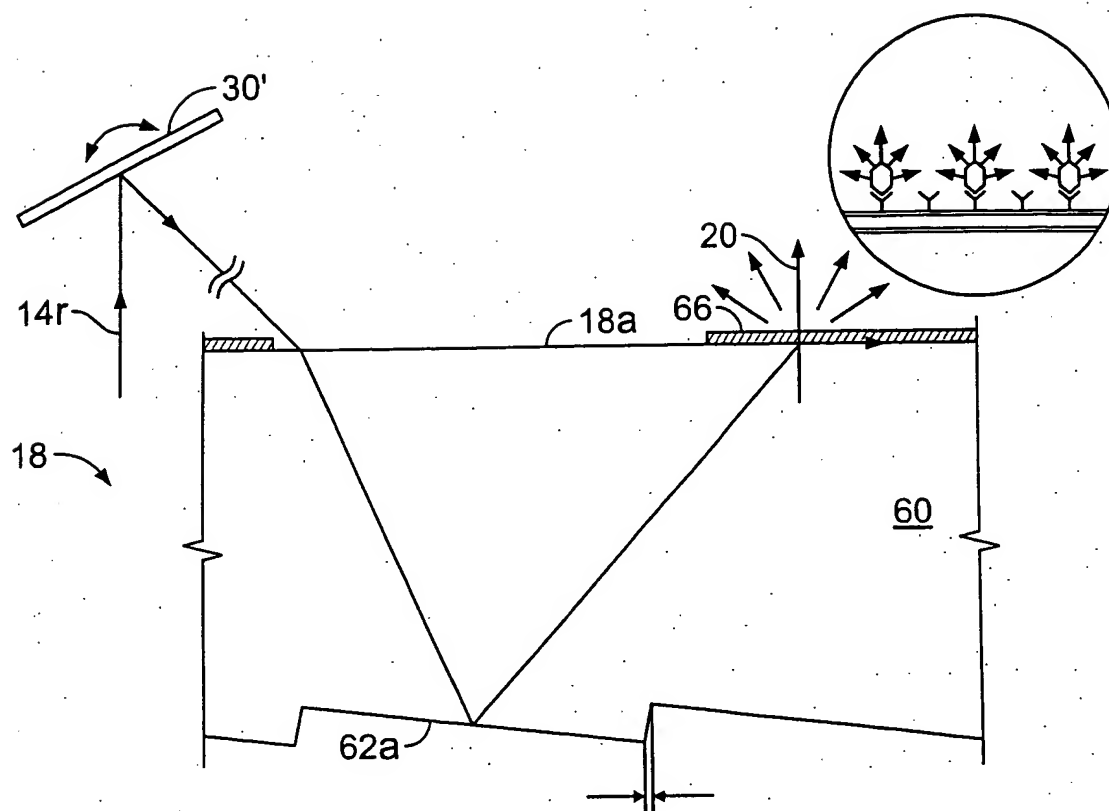


FIG. 4

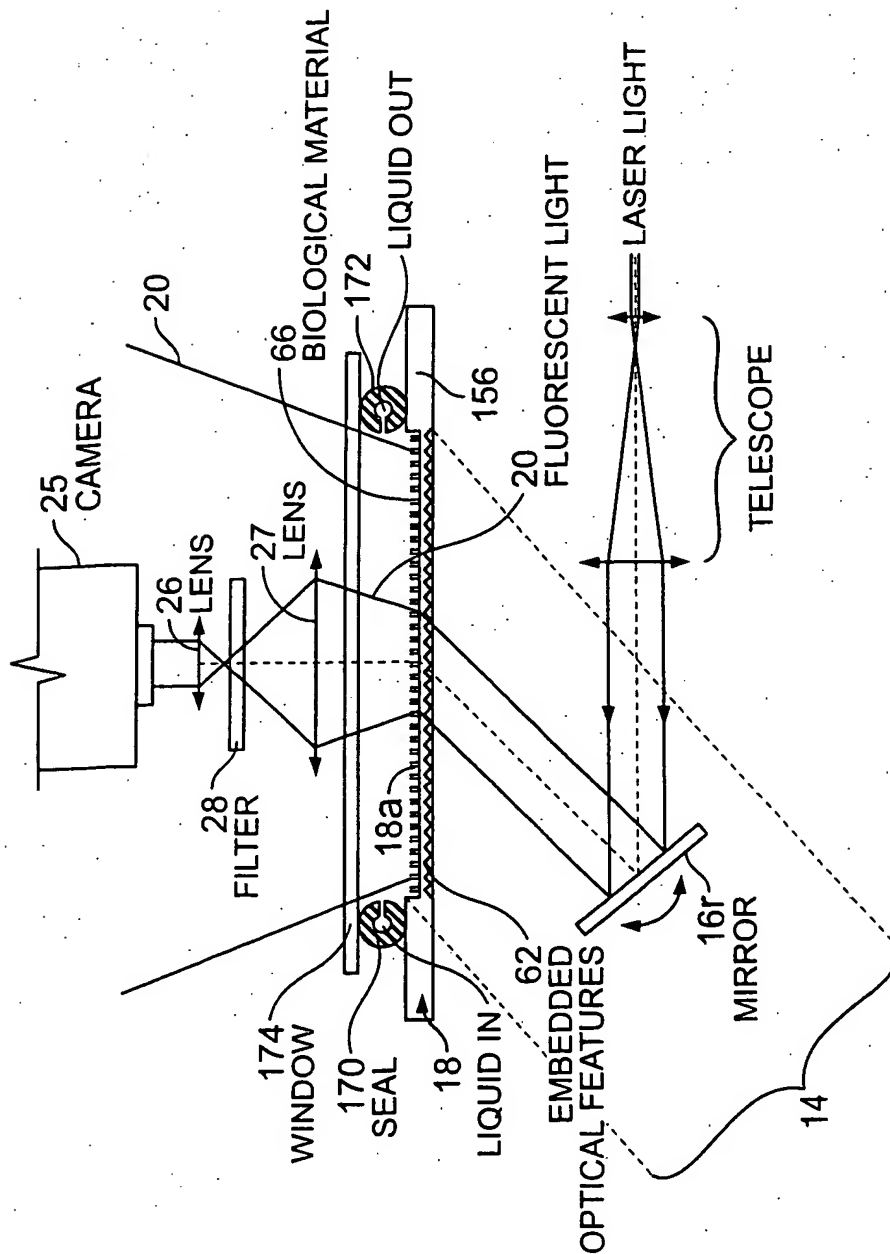


FIG. 5



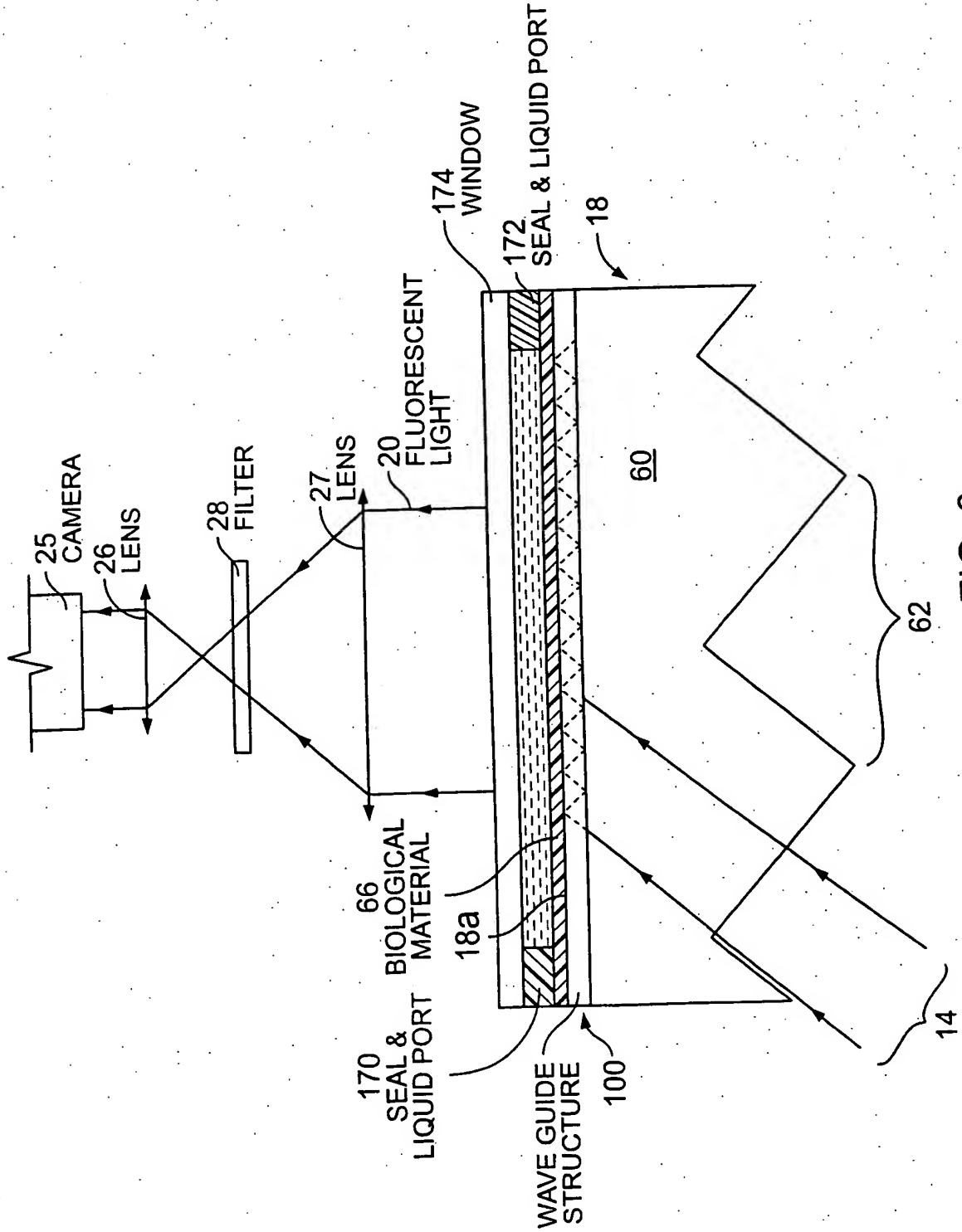


FIG. 6

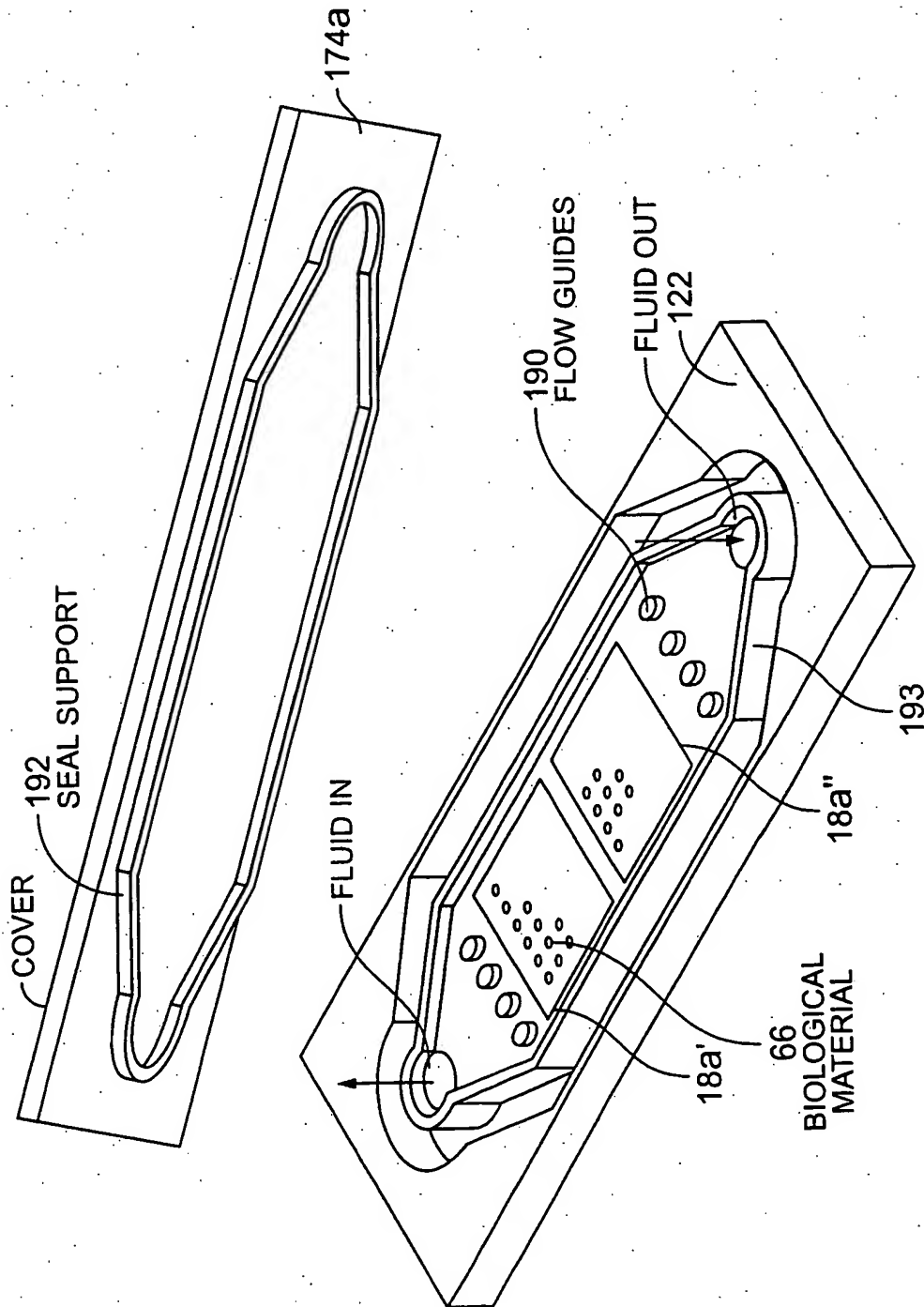


FIG. 6A

# IMAGE ANALYSIS FLOW DIAGRAM

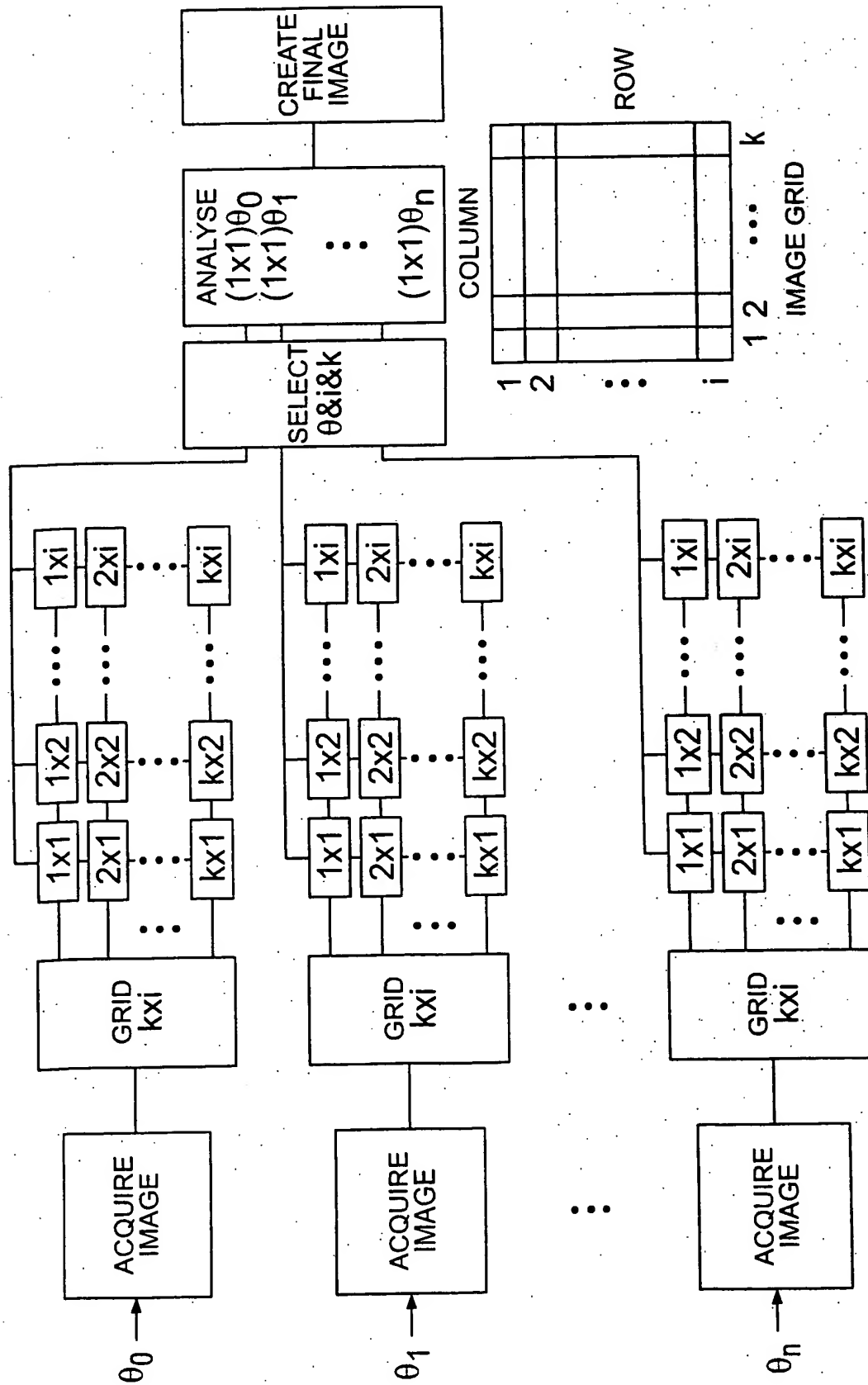


FIG. 7

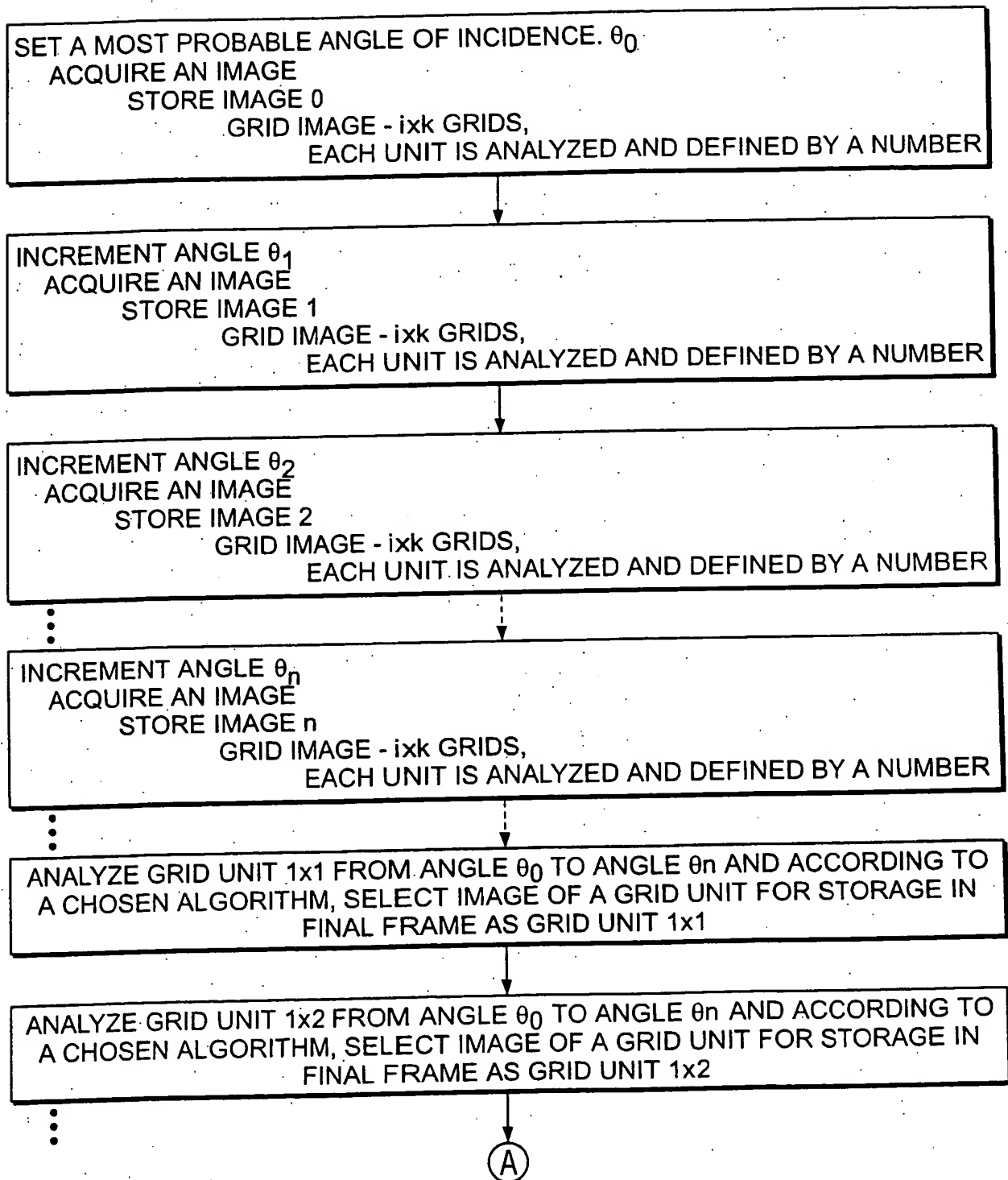


FIG. 7A

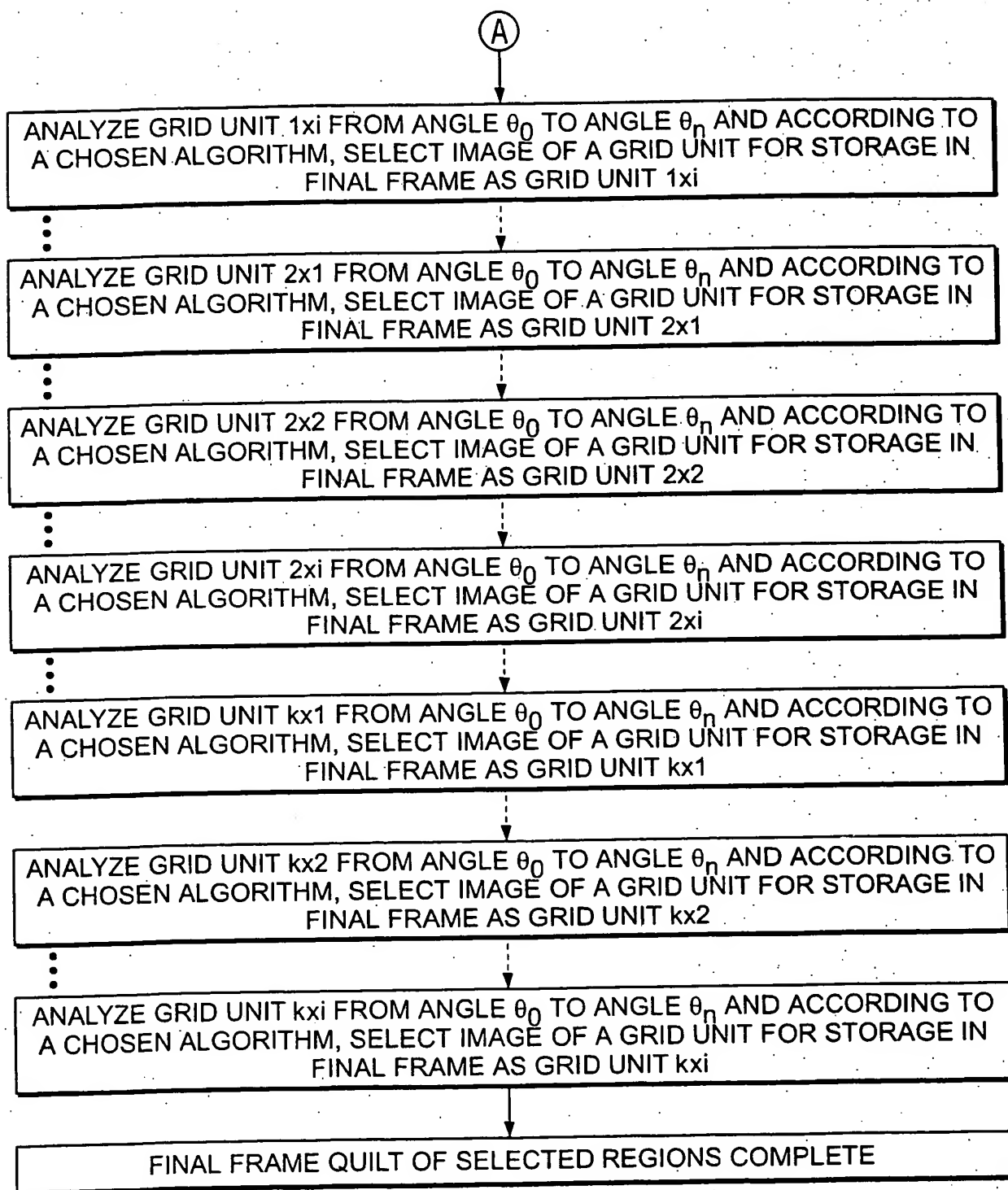


FIG. 7B

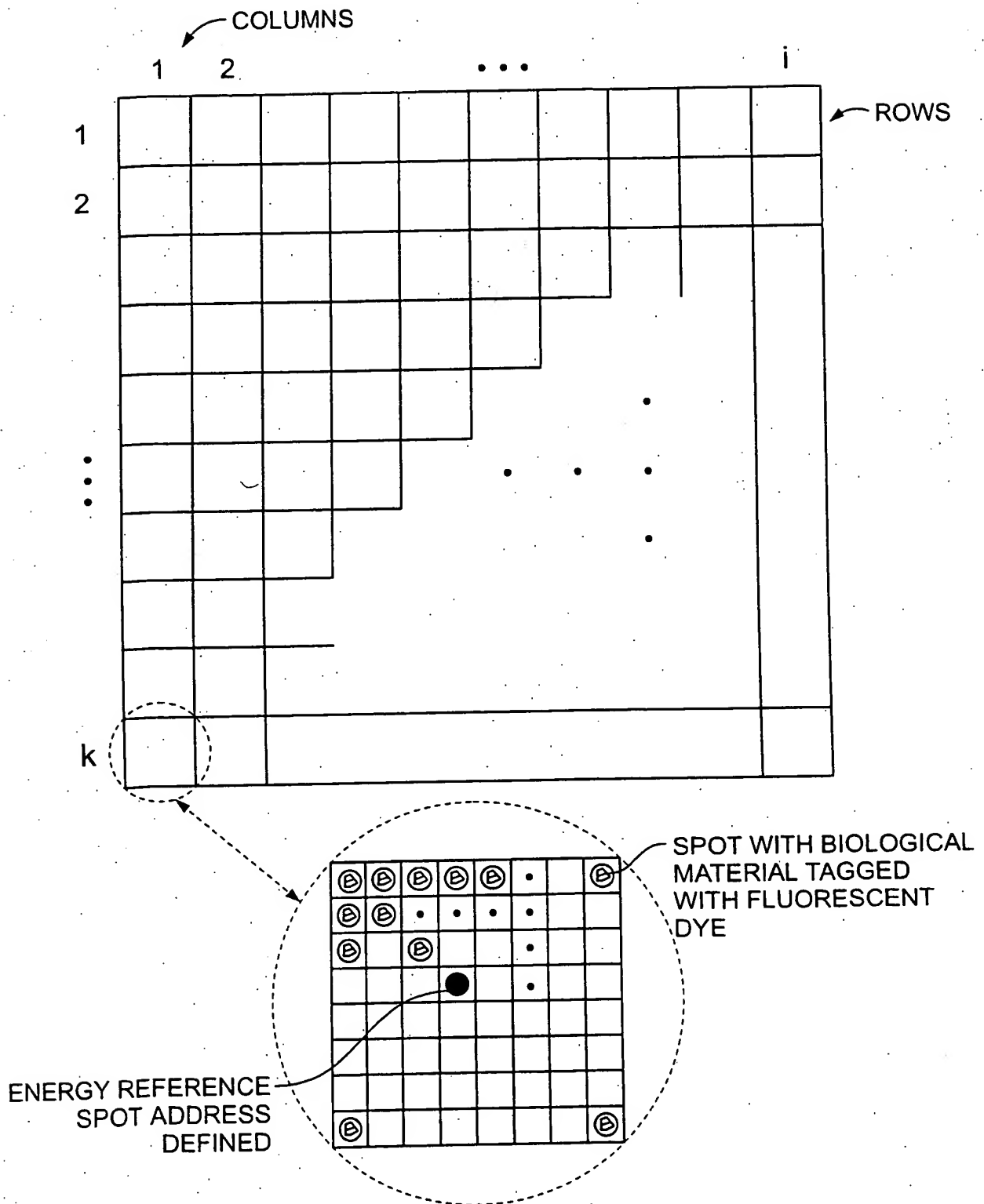


FIG. 8

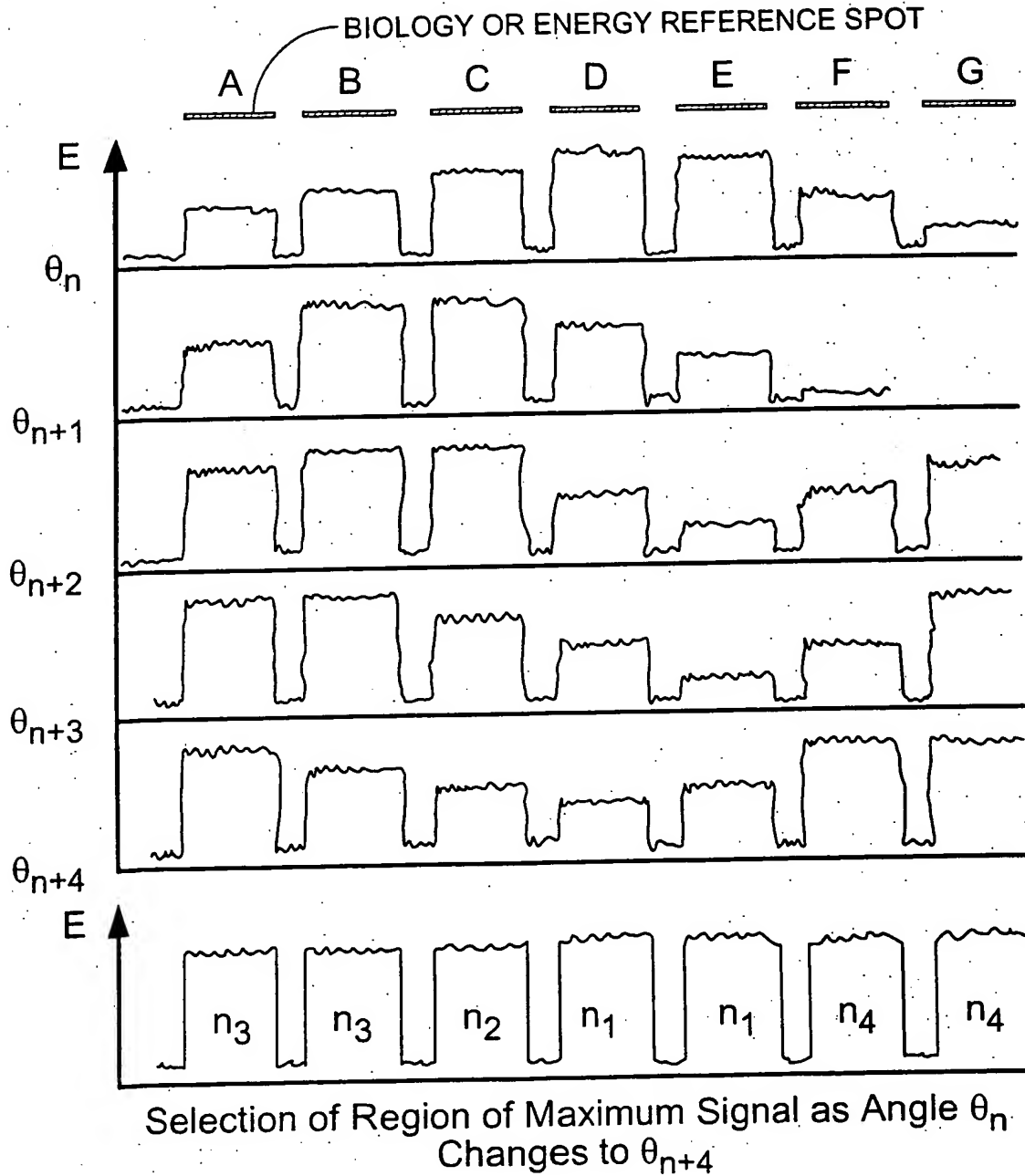
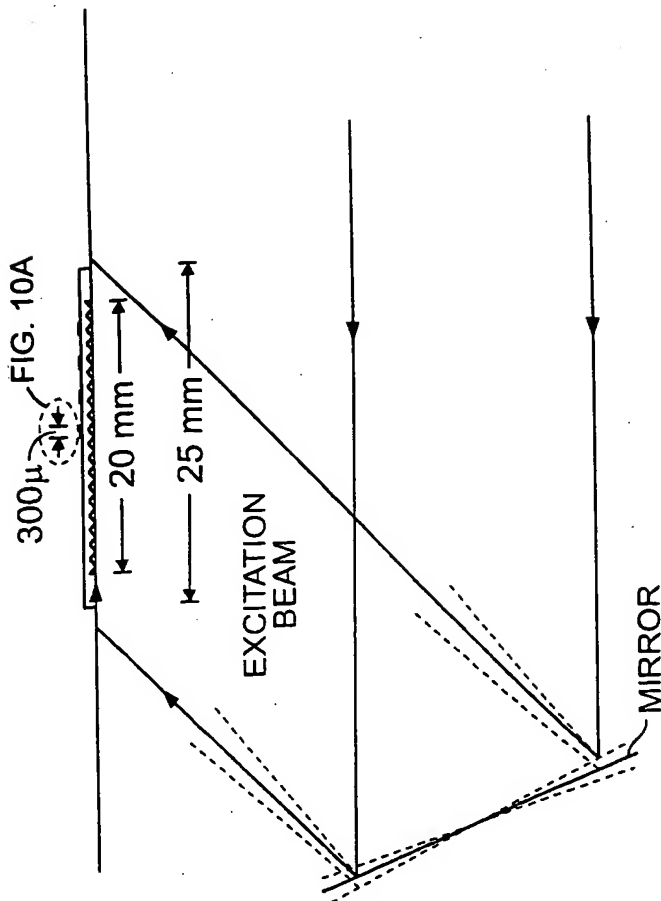


FIG. 9



PITCH MAY BE SELECTED  
FROM .2 $\mu$  TO 2mm

DEAD REGION OCCURS  
WHEN BEAM IS OFF  
NORMAL TO FACE  
SEE DRAWING

BIOLOGY, 300 $\mu$  DIA SPOT  
500 $\mu$   $\phi$

FIG. 10

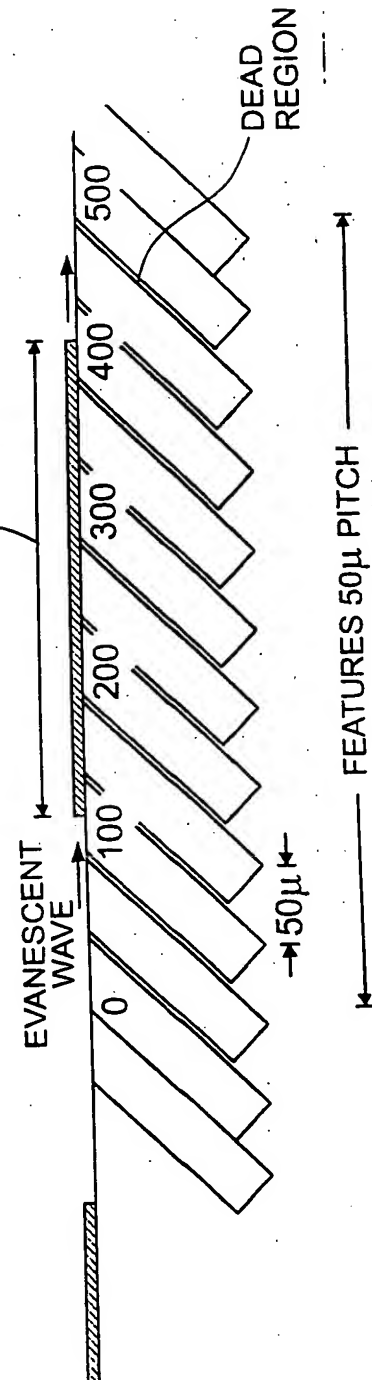


FIG. 10A



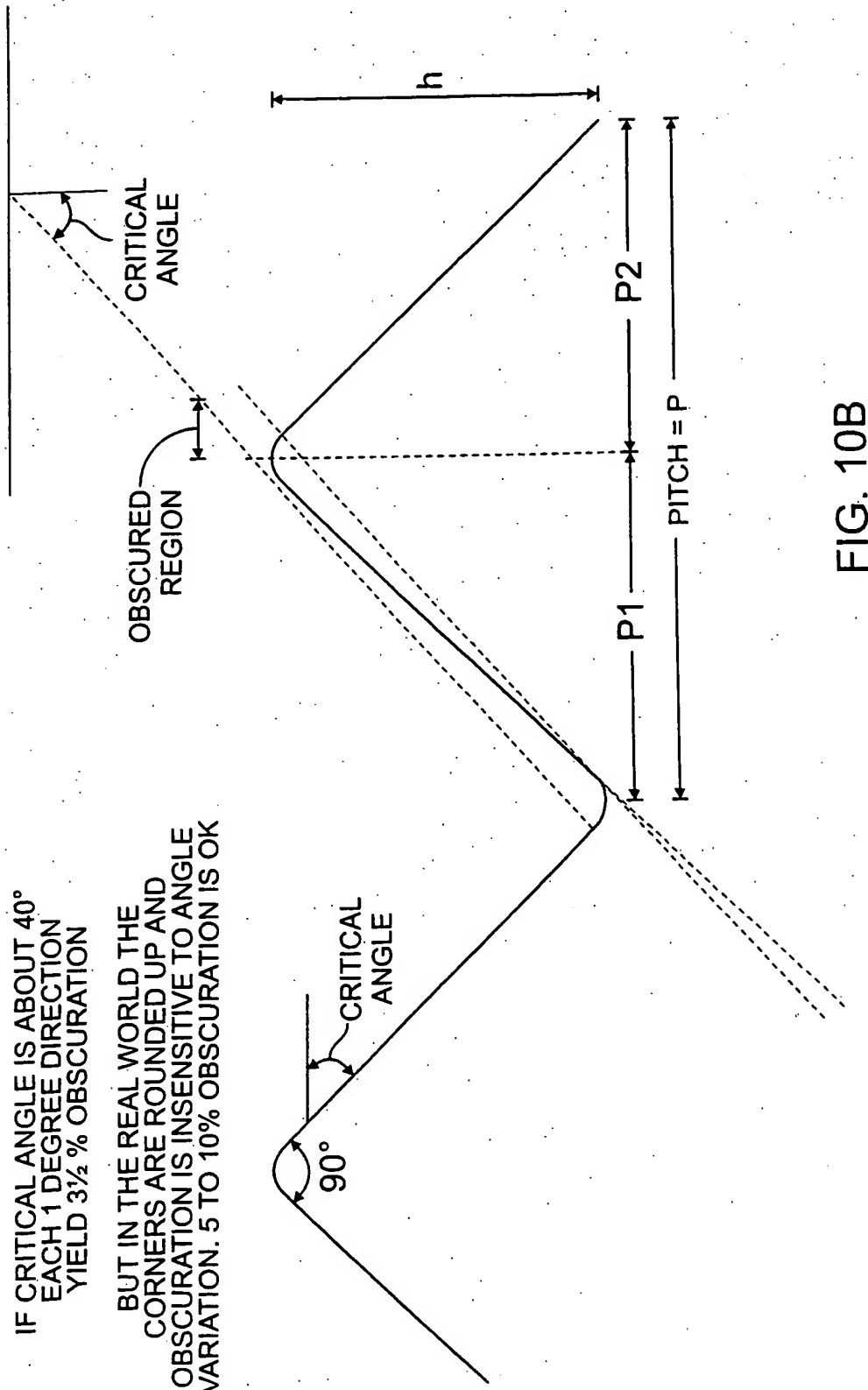


FIG. 10B